

Amendments to the Specification

Please replace paragraph [0001] with the following:

[0001] This application is a continuation-in-part of U.S. patent application no. 10/737,384 filed on December 16, 2003 and entitled “Decentralized Autonomous Control for Complex Fluid Distribution Systems”, which issued as U.S. patent no. 7,203,575 on April 10, 2007 and which is based on provisional application 60/433,892 filed December 16, 2002 and entitled “Agent-Based Active Diagnostics System for Complex Distribution Networks”, each of which is hereby incorporated by reference herein, and claims the benefit thereof.